

Represent By:-

Name: Protiva Ray Kabbo

Roll: 2112021106

Session: 2020-21

Represent To:-

Professor Dr. Gour Chandra Paul Department of Mathematics University of Rajshahi Phone: 01712187595





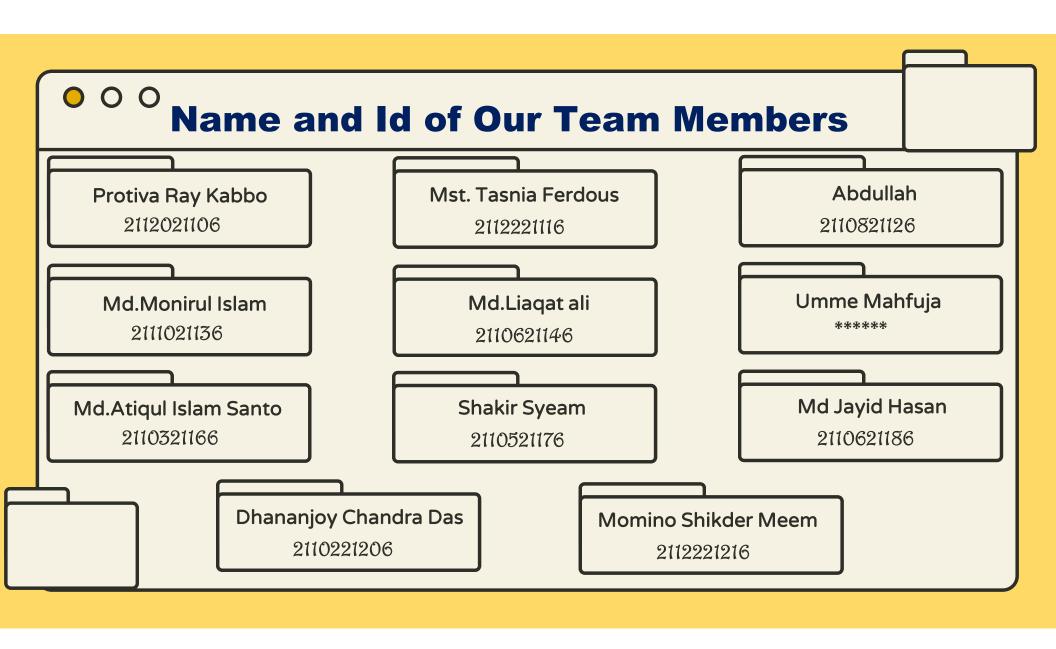


TABLE OF CONTENTS



About the project

The project involves creating a program in C to generate a rectangle shape using asterisks based on user input for width and height.



Major Requirement

- C Programing Language
- User Interaction
- Rectangle Generation
- Output Display



Project goals

The project's primary goal is to develop a program that allows users to define the dimensions of a rectangle and generates a visual representation of the rectangle using asterisks.



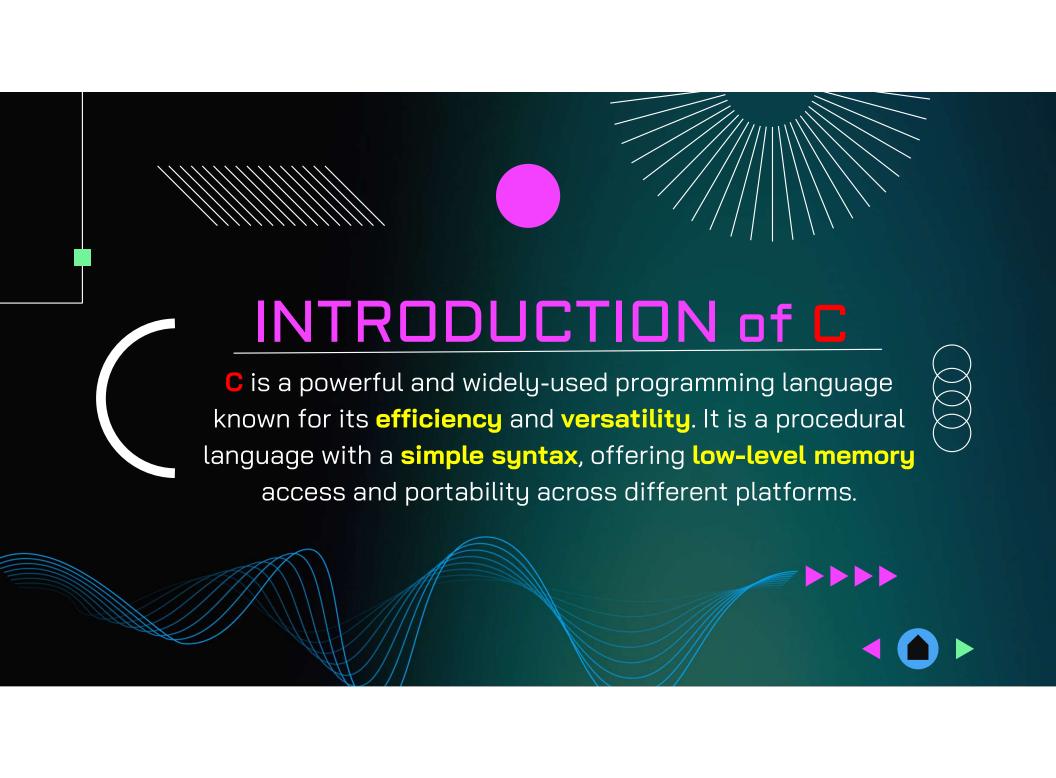














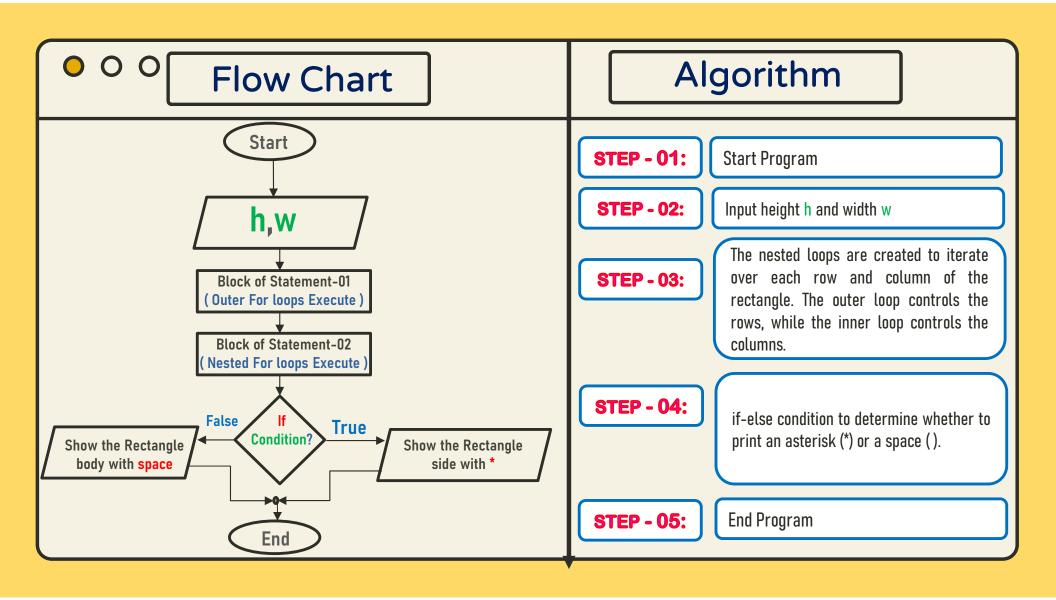


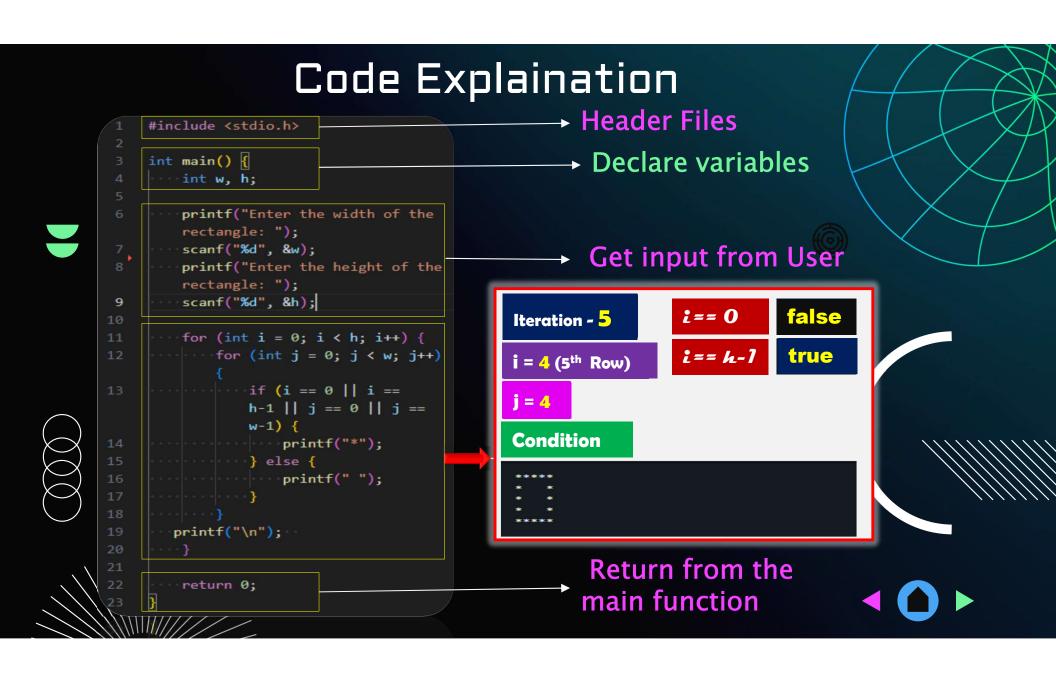
A rectangle is a geometric shape with four sides and four right angles. It is characterized by having opposite sides that are equal in length.

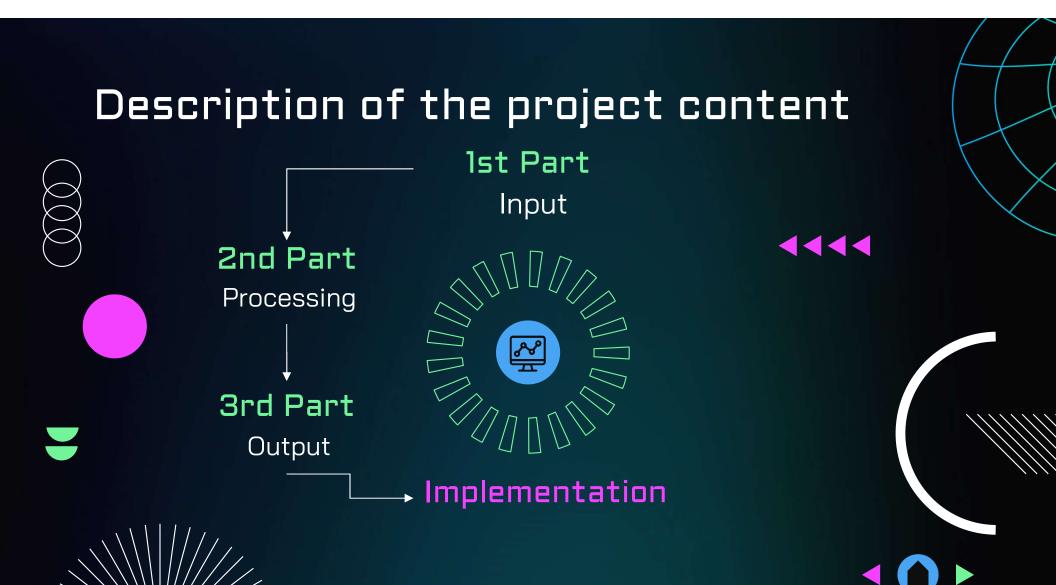










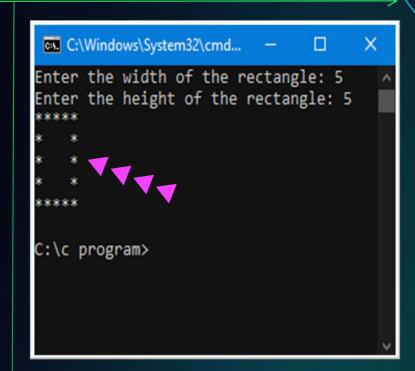


Rectangle Printing Program: Input Width and Height, Display Output

```
#include <stdio.h>
int main() {
    int w, h;
    printf("Enter the width of the rectangle: ");
    scanf("%d", &w);
    printf("Enter the height of the rectangle: ");
    scanf("%d", &h);
    for (int i = 0; i < h; i++) {
        for (int j = 0; j < w; j++) {
            if (i == 0 || i == h-1 || j == 0 || j == w-
1) {
                printf("*");
            } else {
                printf(" ");
   printf("\n");
    return 0;
```

Enter the width of the rectangle: 5

Enter the height of the rectangle: 5











Professor Dr. Gour Chandra Paul
Department of Mathematics
University of Rajshahi



Source Of Images & defination:

Google, Wikipedia, RU Websites, freepik



Thanks to our honorable professor *Dr. Gour Chandra Paul*, Team members, and presented all teams who enjoyed our presentation attentively. If we get more chances, we will develop ourselves to solve any program.





